

EXHIBIT 6

*Transcript from the May 10, 2022
Deposition of Kenneth J. MacKay*

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1 YouTube Music app code itself. But I am familiar 2 with the protocol used, in general, between sender 3 apps and devices in order to launch.	03:22:24	1 Q. (By Mr. Shea) And in -- in a scenario 2 where the device -- where the target that is 3 selected is a speaker group as opposed to a single 4 device, is it the case that that message -- the 5 launch message will get sent to the leader of the 6 speaker group?	03:25:22
4 Q. Okay. So can you -- so in this example, 5 when a user selects a particular speaker group from 6 the connect to a device list that's shown in the 7 middle screenshot, are you able to tell me what 8 happens at -- what the device running the 9 YouTube Music app sends to the player or players in 10 the group? 03:23:09	03:22:43	7 MR. KAPLAN: Object to scope. 8 THE DEPONENT: So it's sent to the -- 9 it's sent to the IP address and port that was 10 advertised and discovered in the mDNS record. So 11 typically that will be the leader, but there are 12 edge cases where it wouldn't be.	03:25:48
11 MR. KAPLAN: Object to scope. 12 THE DEPONENT: So I can -- I can describe 13 the flow -- the general flow. There are, I guess, 14 a lot of app-specific messages that I'm not 15 familiar with. So each individual app can send its 16 own messages, I guess, across a Cast connection. 17 And so I'm not -- I'm not sure what specifically 18 YouTube sends, but I can describe the overall flow.	03:23:26	13 So for example, if the leader recently 14 changed or if there are multiple leaders for -- for 15 whatever reason, like they didn't discover each 16 other properly. So -- 03:26:14	03:25:59
19 Q. (By Mr. Shea) Okay. Yeah. That would 20 be great. 03:23:44		17 Q. (By Mr. Shea) So you're -- 18 A. -- in typical -- in typical operation, it 19 would be to the leader, but it -- it's not always 20 the case. 03:26:29	
21 So if you could describe that overall 22 flow for us, that would be perfect.		21 Q. In the edge case you mentioned where 22 there were two leaders, are you saying that's a 23 scenario where the leader election process hasn't 24 reached a final answer yet, and so during that 25 period it's possible that multiple players in the	03:26:46
23 A. Sure.		Page 212	Page 212
24 So the -- the list that's displayed there 25 is the list of Cast devices or, I guess, virtual	03:23:54		
Page 210			
1 devices that have been discovered on the local 2 network through mDNS. And so that -- that 3 discovery provides the name and the IP address and 4 port of -- of those virtual devices.	03:24:00	1 group may be advertising that group? 2 A. Yeah, or just in general, since the 3 leader election process happens continually. 4 Depending on sort of network conditions, there can 5 be cases where two devices both think they're the 6 leader of -- of a group that they're in. 7 Q. Okay. Okay. That's a very helpful 8 clarification. I appreciate it. 9 But -- but aside from those edge cases,	03:26:48
5 And so when the user selects a specific 6 device to cast to, the Cast SDK will set up a Cast 7 connection to that virtual device, so -- so to the 8 IP address and port that was advertised. And then 9 it will send a launch command to that device, which 10 contains information about the app to be launched 11 and some other metadata that could be app specific, 12 I think.	03:24:15	10 the -- the general functionality would be that the 11 message would get sent over a local network to the 12 leader of the speaker group; is that right? 13 A. Yes.	03:27:01
13 MR. KAPLAN: Objection to that question.		14 Q. Okay. So I don't have screenshots for 15 this, in part, because, as you noted earlier, it's 16 discontinued.	03:27:21
14 THE DEPONENT: And then -- there's kind 15 of a lot more detail, I guess. How much detail do 16 you want me to go into?	03:24:52	17 But -- but I do think you said you have 18 some familiarity with the Google Play Music app as 19 it previously existed?	03:27:42
17 Q. (By Mr. Shea) Well, yeah. I think that 18 was a really good starting point, Mr. MacKay. So 19 let me ask a couple follow-ups.		20 A. Yes. I've used it for testing purpose.	03:27:56
20 With respect to that launch command that 21 you mentioned, is that a message that gets sent 22 from the device running the sender app to the 23 Google player over local network?	03:25:04	21 Q. And is it the case that -- would the 22 Google Play music app use a similar framework -- or 23 did it use a similar framework to what you just 24 described in order to initiate the launch of a 25 speaker group?	03:28:12
24 MR. KAPLAN: Object to scope.		Page 211	Page 213
25 THE DEPONENT: Yes.	03:25:22		